WE CLAIM:

1.   A communication device, comprising:

5   a body portion;

a display portion rotatably connected to the body portion, the

display portion including an inner and an outer bistable clear-reflective layer; and

a switch operable to reverse modes of the inner and outer bistable

clear-reflective layers responsive to rotation of the display portion with respect to

10   the body portion.

2.   The device of claim 1 wherein the display portion further comprises

an LCD stack positioned between the inner and outer bistable clear-reflective

layers.

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3.   The device of claim 1 wherein the inner and the outer bistable clear

reflective layers are in opposite bistable modes.

4.   The communication device of claim 1, further comprising:

20   a power source, wherein the power source provides a voltage pulse

to the inner and outer bistable clear-reflective layers responsive to the switch.

5.   The communication device of claim 1, further comprising:

a controller electrically connected to the display to rotate images on

25   the LCD stack, wherein the switch is operable to signal the controller to rotate the

images on the LCD stack in response to the rotation.

6.   The communication device of claim 3,

wherein the images comprise letters and numerals.

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7.   The communication device of claim 3, further comprising:

a hinge rotatably connecting the display portion to the body portion of the communication device wherein the hinge has an axis of rotation and

5   wherein the images rotate about an axis parallel to the axis of rotation of the hinge.

8.   The communication device of claim 1, further comprising:

a lightguide wherein the lightguide provides frontlighting when the

10   display portion is in a closed position and wherein the lightguide provides backlighting when the display portion is in an open position.

9.   The communication device of claim 1, wherein the inner bistable clear-reflective layer is clear when the display is in an open position and

15   reflective when the display is in a closed position.

10.   The communication device of claim 6, wherein the outer bistable clear-reflective layer is reflective when the display portion is in an open position and clear when the display portion is in a closed position.

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11.   The communication device of claim 1, wherein the switch is selected from a group consisting of mechanical switches, magnetic switches, electrical switches, piezoelectric switches, pneumatic switches, shape memory based switches, solenoid based switches and combinations thereof.

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12. A method for displaying information on an display of a communication device, the method comprising:

sending a reverse mode signal to an inner and an outer bistable
5 clear-reflective layer of the display responsive to a rotation of the display with respect to a body portion of the communication device, wherein the mode of the outer bistable clear-reflective layer and the mode of the inner bistable clear-reflective layer are reversed responsive to the reverse mode signal.

10 13. The method of claim 12,

wherein the outer bistable clear-reflective layer and the inner bistable clear-reflective layer are in opposite modes.

14. The method of claim 12, further comprising:
15 rotating images on the display in response to the rotation of the display with respect to a body portion of the communication device.

15. The method of claim 14,

wherein the images comprise letters and numerals.
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16. The method of claim 11,

wherein the images are rotated about an axis parallel to the axis of rotation of the display with respect to the communication device.

17. A computer usable medium storing a computer program comprising:

computer readable code for distinguishing images in an array of

5   pixels controlled by circuitry;

computer readable code for storing the distinguished images in memory; and

computer readable code for providing a rotate-mode signal to a processor electrically connected to circuitry in response to actuation of a switch.

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18. The computer usable medium of claim 17 further comprising: computer readable code for determining how to modify inputs to the circuitry operable to rotate the distinguished images stored in the memory in response to the rotate-mode signal

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19. The computer usable medium of claim 18 further comprising computer readable code for modifying input to the circuitry operable to rotate the distinguished images about an axis of rotation

20   20. The computer usable medium storing a computer program of claim 17, further comprising:

computer readable code for rotated images in an array of pixels controlled by circuitry upon rotation of the distinguished images about the axis of rotation.

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21.   The computer usable medium storing a computer program of claim 17, further comprising:

computer readable code for periodically updating the distinguished images in an array of pixels controlled by circuitry;

computer readable code for storing the updated distinguished images in the memory;

computer readable code for determining how to modify inputs to the circuitry operable to rotate the updated distinguished images stored in the memory in response to the rotate-mode signal; and

computer readable code for modifying input to the circuitry operable to rotate the updated distinguished images about an axis of rotation.